



This document will explain the feature variances between Copernicus II and Copernicus IIA receivers.

The table below summarizes the differences between them.

### Feature Difference Table

Feature	63530-00	63530-10	67415-00 (Copernicus IIA)
Standby serial command	No	Yes	No
SHORT pin can be pulled HIGH when not used	Yes	Yes	No (SHORT must be "no connect" if not used)

### Feature Descriptions

#### Standby serial command.

All Copernicus II modules can be placed into a low power mode by pulling LOW the XSTANDBY pin or by removing power to Vcc and maintaining a backup battery on pin 6 (Vbat).

Only Copernicus II part# 63530-10 can support the TSIP packet 0xC0 or NMEA packet RT standby command.

#### SHORT (pin 8)

When the SHORT pin is not connected to an antenna open/short detection circuit it must be left "no connect".

For backwards compatibility purposes Copernicus II part # 63530-00 and 63530-10 did allow this pin to be pulled HIGH if not used. Copernicus IIA, part # 67415-00, does not allow this option.